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Manuscripts—Ordinarily manuscripts should not exceed 3,000 words (less than 15 typed double-spaced pages). The original manuscript and two copies should be submitted, typed double-spaced throughout. If photographic illustrations are desired, three sets of clear, unmounted black and white glossy prints should be supplied. For line drawings, original artwork or glossy prints are acceptable. Tables should be typed on separate sheets of paper.

Clinical Investigation—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter.

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THE WESTERN JOURNAL OF MEDICINE

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Manuscripts for consideration should be sent to the editor, Malcolm S. M. Watts, MD, 44 Gough Street, San Francisco, California 94103. The transmittal letter should designate one person as correspondent and include complete address, with ZIP code and telephone number.

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Articles that authors wish to have considered for the Clinical Investigation section should be so designated in the transmittal letter. The type of articles appropriate for this section are those that describe experimental work in humans that extensively and prospectively examines scientific hypotheses relating to disease. An article describing a single case report will not normally be considered appropriate for this section.

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The original manuscript and *two* copies should be submitted on heavy bond paper (8½ by 11 inches, *not* erasable), typed *double-spaced throughout* (including legends, tables and references) on one side of the paper, with 1½-inch margins. Ordinarily, articles should not exceed 3,000 words (less than 15 text pages, typed double-spaced). Under exceptional circumstances only will articles longer than 4,000 words be published. Pages should be numbered consecutively, beginning with the title page.

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Note handling of multiple authorship. If more than three authors are listed as contributors, use "et al" to designate those names after the first three. Also note capitalization, punctuation, mention of inclusive page numbers, and month and year of publication. Separate the subtitle from the title by either a dash or a colon. Use colon *only* if it appears in the original citation.

1. Jones JS, Andersen HW, Johnson DW, et al: The athletic heart revisited—Sudden death of a 28-year-old athlete. *JAMA* 1978 Apr 26; 292:444-456

2. Graybill JR, Alford RH, Smith RG, et al: Cell-mediated immunity in cryptococcosis: A brief review. *Cell Immunol* 1978 Sep; 7:76-79

Books

Note handling of "edition," "editor(s)," and "volume," as well as appropriate sequence of reference information and capitalization of chapters and titles.

3. Berne EJ, Smith TL: Role playing in therapy, chap 2, *Principles of Group Therapy*. New York, Oxford University Press, 1966, pp 35-51 (*author of chapter same as author of book*)

4. Munsung JM: The role of drugs, chap 2, *In* Brest AN, Mayer JH (Eds): *Hypertension—Vol 2, Therapy*, 2nd Ed. Springfield, Ill, Charles C Thomas, 1961, pp 456-479 (*author of chapter different from authors of book*)

Pamphlets, Monographs or Books With No Given Author

5. AMA Department of Drugs: *AMA Drug Evaluation*, 3rd Ed. Littleton, Mass, Publishing Sciences Group, 1977 (*corporate author*)

6. *Compilation of Standard Definitions*, 3rd Ed. Philadelphia, American Society for Testing and Materials, 1976 (*no given author; give name and place of publisher*)

Articles in Press or Accepted for Publication

Any article accepted for publication should include the name of the journal (appropriately abbreviated) in which it will appear, and the phrase "in press" or "accepted for publication" in place of the date of publication.

Personal Communications and Unpublished Data

This information should *not* be included in the reference list but should be given in parentheses in the body of the text. Date of communication, whether it was personal or written, and the person's name, highest academic degree and professional affiliation should be provided.

Acknowledgments

It is the policy of the *WJM* not to print acknowledgments, the feeling being that if a person has contributed enough to a paper to be mentioned, he or she should be included among the authors, or the contribution should be mentioned in the body of the paper or in a footnote.

Correspondence

Brief manuscripts commenting on articles that have appeared in the journal, containing information of interest to physicians or discussing issues of the day will be considered for publication. Very short reports of cases, clinical experience, clinical studies, adverse effects and the like also will be considered. Items for the Correspondence section should not exceed 600 words and should have no more than five bibliographic references and one figure or table.

Author Responsibility

Authors are responsible for all statements made in articles. Manuscripts are considered for publication with the explicit understanding that they are original, have not been published previously and are not simultaneously under consideration by any other publication.

All accepted manuscripts are subject to copy editing, and authors are sent edited galleys for approval. No changes will be made after the final, edited version has been approved by the author.

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If reprints are desired, they must be paid for by the author. A reprint order form with schedule of prices is sent to the author when the article is published. Authors are responsible for handling requests for reprints of their articles.

Books Received

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interest of readers as space permits.

ACUTE INFLAMMATION—Second Edition—J. V. Hurley, MD, PhD (Melb), FRCPATH, Professor of Pathology, University of Melbourne. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 157 pages, \$42.00.

CANCER OF THE CERVIX: DIAGNOSIS AND TREATMENT—Hugh M. Shingleton, MD, FACS, FACOG, Professor of Obstetrics and Gynecology; Associate Professor of Pathology, Division of Gynecologic Oncology, University of Alabama Medical Center; James W. Orr Jr., MD, Assistant Professor, Obstetrics and Gynecology, Division of Gynecologic Oncology, University of Alabama Medical Center. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 233 pages, \$19.75 (paperback).

CLINICAL BONE MARROW TRANSPLANTATION—Edited by Karl G. Blume, MD, Director, Department of Hematology and Bone Marrow Transplantation, and Lawrence D. Petz, MD, Chairman, Division of Medicine, City of Hope National Medical Center, Duarte, California. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 372 pages, \$50.00.

CLINICAL DECISION LEVELS FOR LAB TESTS—Bernard E. Statland, MD, PhD, Director, Department of Laboratory Medicine, University Hospital, Boston, and Professor of Pathology and Medicine, Boston University Medical School. Medical Economics Books, Oradell, NJ 07649, 1983. 180 pages, \$14.95, (paperback).

COMPUTERIZING YOUR MEDICAL OFFICE: A GUIDE FOR PHYSICIANS AND THEIR STAFFS—Dot Sellers, CMA-A. Medical Economics Books, Oradell, NJ 07649, 1983. 213 pages, \$17.50, (paperback).

CONTROVERSIES IN NEURO-UROLOGY—David M. Barrett, MD, Associate Professor of Urology, Mayo Medical School, and Consultant in Urology, Mayo Clinic, Mayo Foundation, Rochester, Minnesota, and Alan J. Wein, MD, Professor and Chairman, Division of Urology, University of Pennsylvania School of Medicine, Philadelphia. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 537 pages, \$75.00.

CURRENT EMERGENCY DIAGNOSIS & TREATMENT—Edited by John Mills, MD, Associate Professor of Medicine, Microbiology and Clinical Pharmacy, University of California, San Francisco, Chief of Infectious Disease Unit, San Francisco General Hospital; Mary T. Ho, MD, Assistant Professor of Medicine, University of Kentucky College of Medicine, Lexington; and Donald D. Trunkey, MD, Professor of Surgery, University of California, San Francisco, Chief of Surgery, San Francisco General Hospital; with associate authors. Lange Medical Publications, Drawer L, Los Altos, CA 94022, 1983. 738 pages, \$24.00.

ECHOCARDIOGRAPHIC DIAGNOSIS—DIFFERENTIAL DIAGNOSIS OF M-MODE AND TWO-DIMENSIONAL ECHOGRAPHIC APPEARANCES—Ivan A. D'Cruz, MD, FACC, FRCP (Edin), MRCP (Lond), Director, Echocardiography Section and Attending Physician, Michael Reese Hospital and Medical Center, Chicago, and Associate Professor of Medicine, University of Chicago, Pritzker School of Medicine. Macmillan Publishing Company, 866 Third Ave., New York, NY 10022, 1983. 434 pages, \$49.95.

ECHOCARDIOGRAPHY—AN INTEGRATED APPROACH—Stephen Arvan, MD, Assistant Professor, Department of Medicine, University of Pittsburgh School of Medicine, and Head, Noninvasive Unit, Montefiore Hospital, Pittsburgh. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 503 pages, \$60.00.

ENJOYING LIFE WITH EMPHYSEMA—Thomas L. Petty, MD, Professor of Medicine, Director, Webb-Waring Lung Institute, Co-Head, Division of Pulmonary Sciences, University of Colorado Health Sciences Center; Louise M. Nett, RN, RRT, Technical Director, Respiratory Care Unit, University of Colorado Health Sciences Center. Lea & Febiger, 600 South Washington Square, Philadelphia, PA 19106, 1983. 189 pages, \$12.50, (paperback).

THE FOREMOST PHYSICIAN, THE FARSEEING PHYSICIAN—E. Ted Chandler, MD, Associate Professor, Department of Medicine, Bowman Gray School of Medicine, Wake Forest University; Robert L. Bloomfield, MD, Assistant Professor, Department of Medicine, Bowman Gray School of Medicine, Wake Forest University. Harbinger Medical Press, Box 17201, Winston-Salem, NC 27116, 1983. 87 pages, \$8.95.

GENITOURINARY SURGERY—2 Volumes—Edited by David F. Paulson, MD, Professor of Urologic Surgery, Chief, Division of Urologic Surgery, Department of Surgery, Duke University Medical Center, Durham, North Carolina. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 885 pages, \$140.00.

HEPATOCELLULAR CARCINOMA—Edited by Kunio Okuda, MD, The First Department of Medicine, School of Medicine, Chiba University, Ino-

hana, Japan; and Ian Mackay, MD, Head, Clinical Research Unit, Walter and Eliza Hall Institute, Royal Melbourne Hospital, Victoria, Australia. International Union Against Cancer, 3 rue du Conseil-Général, 1205 Geneva, Switzerland, 1982. 204 pages, \$22.00, (paperback).

HYPOGLYCEMIA: FACT OR FAD?—WHAT YOU SHOULD KNOW ABOUT LOW BLOOD SUGAR—Lynn J. Bennion, MD, Member of the Clinical Faculty, Stanford University School of Medicine, Stanford, California. Crown Publishers, Inc., One Park Ave., New York, NY 10016, 1983. 176 pages, \$12.95.

IMMUNOLOGICAL INVESTIGATION OF HUMAN VIRUS DISEASES—Volume 5 in Practical Methods in Clinical Immunology—Donald M. McLean, MD (Melbourne), FRCP(c), FRCPATH, Professor, Division of Medical Microbiology, University of British Columbia, Vancouver. Churchill Livingstone, Inc., 1560 Broadway, New York, NY 10036, 1983. 92 pages, \$39.00.

IMMUNOLOGY—AN OUTLINE FOR STUDENTS OF MEDICINE AND BIOLOGY—Fifth Edition—D. M. Weir, MD, FRCP, Reader in Immunology, Department of Bacteriology, University of Edinburgh Medical School. Churchill Livingstone, Inc., 1560 Broadway, New York, NY 10036, 1983. 248 pages, \$10.00 (softbound).

INFERTILITY IN THE MALE—Edited by Larry I. Lipshultz, MD, Professor of Urology, Baylor College of Medicine, Houston, and Stuart S. Howards, MD, Professor of Urology, University of Virginia School of Medicine, Charlottesville. Churchill Livingstone, Inc., 1560 Broadway, New York, NY 10036, 1983. 391 pages, \$52.00.

INFLAMMATORY BOWEL DISEASES—Edited by R. N. Allan, MD, PhD, FRCP, Consultant Physician, The General Hospital, Birmingham; M. R. B. Keighley, MS, FRCS, Consultant Surgeon, The General Hospital, Birmingham, and University of Birmingham; J. Alexander-Williams, MD, ChM, FRCS, FACS, Consultant Surgeon, The General Hospital, Birmingham, and Honorary Clinical Senior Lecturer, University of Birmingham, and Clifford Hawkins, MD, FRCP, Honorary Consultant Physician to the Queen Elizabeth Hospital, Birmingham, and Honorary Senior Clinical Lecturer in the University of Birmingham, England. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 575 pages, \$85.00.

INTERNAL MEDICINE—Edited by Clarence A. Guenter, MD, Professor and Head, Department of Medicine, Faculty of Medicine, University of Calgary, and Director, Department of Medicine, Foothills Provincial General Hospital, Calgary, Alberta, Canada. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 863 pages, \$25.00 (softbound).

KEY FACTS IN PULMONARY DISEASE—Edited by Om P. Sharma, MD, Professor of Medicine, and Oscar J. Balchum, MD, PhD, Hastings Professor of Medicine, University of Southern California School of Medicine, Los Angeles. Churchill Livingstone, Inc., 1560 Broadway, New York, NY 10036, 1983. 572 pages, \$37.50 (softbound).

MANAGING OB/GYN EMERGENCIES—Second Edition—Edited by John T. Queenan, MD, Professor and Chairman, Department of Obstetrics and Gynecology, Georgetown University School of Medicine, Washington, D.C., and Editor-in-Chief, Contemporary OB/GYN; and Coordinating Editor, Evelyn C. Gross, Editor, *Diagnosis* magazine. Medical Economics Books, 680 Kinderkamack Road, Oradell, NJ 07649, 1983. 290 pages, \$29.50.

MANUAL OF CENTRAL VENOUS CATHETERIZATION AND PARENTERAL NUTRITION—Edited by J. L. Peters, FRCS, Resident Assistant Surgeon, University College Hospital, London. John Wright & PSG Inc., 545 Great Road, Littleton, MA 01460, 1983. 262 pages, \$39.50.

MEDICAL ABBREVIATIONS HANDBOOK—2nd Edition—by the staff of Logical Communications. Medical Economics Books, Oradell, NJ 07649, 1983. 193 pages, \$7.95 (softbound).

MEDICAL SPANISH: The Instant Survival Guide—Susan Lister and Cynthia W. Wilber. Addison-Wesley Publishing Company, Medical/Nursing Division, 2725 Sand Hill Rd., Menlo Park, CA 94025, 1983. 324 pages, \$16.95 (softbound).

MEDICINE FOR THE PRACTICING PHYSICIAN—J. Willis Hurst, MD, Editor-in-Chief. Butterworth Publishers, 10 Tower Office Park, Woburn, MA 01801, 1983. 1,109 pages, \$80.00.

METHODS IN HEMATOLOGY—Volume 6—The Thalassemias—Edited by D. J. Weatherall, MD, FRCP, FRCPATH, FRS, Nuffield Professor of Clinical Medicine, University of Oxford; Honorary Director of the Medical Research Council Molecular Haematology Unit, John Radcliffe Hospital, Oxford, England. Churchill Livingstone, Inc., 1560 Broadway, New York, NY 10036, 1983. 161 pages, \$32.00.

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ALLERGY AND IMMUNOLOGY

June 13-15—**Contemporary Aspects of Clinical Immunology.** American Society of Clinical Pathologists at San Diego. Wednesday-Friday. 18.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

ANESTHESIOLOGY

June 14-17—**Annual Scientific Meeting of the California Society of Anesthesiologists** at Disneyland Hotel, Anaheim. Thursday-Sunday. Contact: CSA, 100 S. Ellsworth Ave., Ste. 806, San Mateo 94401. (415) 348-1407.

September 28-30—**Anesthesia Practice 1984.** Anesthesiology Education Foundation at Monterey. Friday-Sunday. 10½ hrs. Contact: AEF, P.O. Box 24230, Federal Bldg., Los Angeles 90024.

CANCER

May 18-20—**The Primary Care Physician and Cancer.** UCSD at Vacation Village, San Diego. Friday-Sunday.

June 22—**One Day Colon Cancer Screening and Flexible Sigmoidoscopy Workshop.** Continuing Medical Education Associates at Holiday Inn Union Square, San Francisco. Friday. 7 hrs. \$135. Contact: J. Shiller, CMEA, P.O. Box 94296, San Diego 92138. (619) 223-2997.

June 24—**One Day Colon Cancer Screening and Flexible Sigmoidoscopy Workshop.** Continuing Medical Education Associates at Grand Hotel, Anaheim. Sunday. 7 hrs. \$135. Contact: J. Shiller, CMEA, P.O. Box 84296, San Diego 92138. (619) 223-2997.

CARDIOLOGY

April 18-20—**Moguls of Cardiology.** American Heart Association, Golden Empire Chapter at Caesars Tahoe, Lake Tahoe. Wednesday-Friday. Contact: AHA, Golden Empire Chapt., P.O. Box 160126, 1727 30th St., Sacramento 95816. (916) 454-0701.

April 28—**50,000 Open-Heart Operations.** See Surgery, April 28.

May 4-6—**ECG Interpretation and Arrhythmia Management.** International Medical Education Corporation at Sheraton Palace, San Francisco. Friday-Sunday. Contact: IMEC, Div. of Postgraduate and CME, 64 Inverness Dr. E., Englewood, CO 80112.

May 5-6—**Advanced Industrial Pulmonary Function Testing.** UCLA. Saturday-Sunday. 12 hrs. \$190.

May 12—**Cardiac Surgery Research.** See Surgery, May 12.

May 12—**Cardiovascular Symposium.** Marian Medical Center at Holiday Inn, Santa Maria. Saturday. 6 hrs. Contact: Alfred Sanfilippo, MD, Dir. CME, Marian Med. Ctr., 1400 E. Church, Santa Maria 93454. (805) 922-5811, ext. 115.

(Continued on Page 547)

KEY TO ABBREVIATIONS

CMA: California Medical Association
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DREW: Charles R. Drew Postgraduate Medical School
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LLU: Loma Linda University
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PMC: Pacific Medical Center
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STAN: Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.

UCD: University of California, Davis
Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, Davis 95616. (916) 752-0328.

UCI: University of California, Irvine
Contact: E. R. Jennings, MD, Assistant Dean, University of California, Irvine, California College of Medicine, Center for Health Education, 2801 Atlantic Ave., (P.O. Box 1428), Long Beach 90801. (213) 595-3811.

UCLA: University of California, Los Angeles
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, P.O. Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.

UCSD: University of California, San Diego
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3940.

UCSF: University of California, San Francisco
Contact: David S. Gullion, MD, Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-4251.

USC: University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 224-7051.

May 18-20—**Decision Making in Congenital Heart Disease.** Children's Hospital and Health Center and Donald N. Sharp Memorial Community Hospital at Sheraton Harbor Island Hotel, San Diego. Friday-Sunday. 18 hrs. \$350. Contact: Congenital Heart Disease, P.O. Box 9494, San Diego 92109. (619) 272-3126.

May 21-22—**Advanced Cardiac Life Support.** See Emergency Medicine, May 21-22.

June 10-13—**Advanced Echocardiography—1984: Interactions with NMR, Digital Angiography and CT Scanning.** American College of Cardiology at San Diego. Sunday-Wednesday. Contact: Reg. Sec., Extramural Programs Dept., ACC, 911 Old Georgetown Rd., Bethesda, MD 20814.

June 22-24—**ECG Interpretation, Arrhythmia Management, and Cardiac Rehabilitation.** International Medical Education Corporation at Lake Tahoe. Friday-Sunday. 13 hrs. \$285. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

June 22-24—**Whitewater Raft Conference: Update on Cardiac Drugs and CPR.** Mercy Medical Center at Scott and Klamath Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Mercy Medical Center, Dept. of Cont. Ed., P.O. Box 6009, Redding 96099-6009. (916) 243-2121.

June 25-27—**Cardiac Morphology: Echocardiographic, Nuclear Imaging, Necropsy Correlations.** American College of Cardiology and Indiana University School of Medicine at Hyatt Lake Tahoe, Incline Village. Monday-Wednesday. Contact: Reg. Sec., Extramural Programs Dept., ACC, 911 Old Georgetown Rd., Bethesda, MD 20814.

June 25-29—**National Board Review Course in Pulmonary Medicine.** American College of Chest Physicians at Sheraton Palace Hotel, San Francisco. Monday-Friday. 28 hrs. Contact: Dept. of Ed., ACCP, 911 Busse Hwy, Park Ridge, IL 60068. (312) 698-2200.

August 12-17—**Current Concepts in Cardiology.** UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Friday.

August 17-19—**Whitewater Raft Conference: Update on Cardiac Drugs and CPR.** Mercy Medical Center at Klamath River. Friday-Sunday. 10 hrs. \$295. Contact: Mercy Medical Center, Dept. of Cont. Ed., P.O. Box 6009, Redding 96099-6009. (916) 243-2121.

August 24-26—**Cardiovascular Disease: Non-Invasive Diagnostic Methods (Stress and Holter) and Cardiac Resuscitation.** International Medical Education Corporation at Monterey. Friday-Sunday. \$285. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

September 14-16—**ECG Interpretation, Arrhythmia, and Cardiac Rehabilitation.** International Medical Education Corporation at Las Vegas. Friday-Sunday. 13 hrs. \$285. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

September 15-22—**Hawaiian Echocardiography Course.** Institute for Medical Studies at Hawaiian Islands. One week. 20 hrs. \$295. Contact: IMS, 14761 Franklin Ave., Ste. A, Tustin 92680. (714) 832-2650.

September 20-22—**Recent Advances in Pulmonary and Critical Care Medicine.** UCSF at Meridien Hotel, San Francisco. Thursday-Saturday.

EMERGENCY MEDICINE

April 30-May 4—**Postgraduate Institute for Emergency Physicians, Symposium I.** UCSD at Hanalei Hotel, San Diego. Monday-Friday.

May 4-5—**1st Annual Emergency Symposium.** Southern California Kaiser-Permanente Medical Group at Century Plaza Hotel, Los Angeles. Friday-Saturday. 11 hrs. \$150. Contact: Dept. of Clinical Services, SCKPM Care Program, 4747 Sunset Blvd., Los Angeles 90027.

May 21-22—**Advanced Cardiac Life Support.** Emergency Care Education Center Inc., Emergency Department Physicians Inc., and Greater Los Angeles Affiliate American Heart Association at Queen Mary, Long Beach. Monday-Tuesday. 16 hrs. \$225. Contact: ECEC-ACLS, 4640 Admiralty Way, Ste. 508, Marina del Rey 90291. (213) 822-1312.

May 29-June 2—**Gateway to Knowledge.** Society of Critical Care Medicine at San Francisco. Tuesday-Saturday. Contact: SCCM, 223 E. Imperial Hwy, Ste. 110, Fullerton 92635. (714) 870-5243.

June 11-15—**Postgraduate Institute for Emergency Physicians, Symposium III.** UCSD at Hanalei Hotel, San Diego. Monday-Friday. 33 hrs.

June 25-29—**Topics in Emergency Medicine.** UCSF at Sheraton Wharf, San Francisco. Monday-Friday. \$425.

July 4-5—**Whitewater Raft Conference: Wilderness Emergency Care.** Mercy Medical Center at Salmon River. Wednesday-Thursday. 10 hrs. \$245. Contact: Mercy Medical Center, Dept. of Cont. Ed., P.O. Box 6009, Redding 96099-6009. (916) 243-2121.

July 6-8—**Trauma and CPR Update—Whitewater Raft Conference.** Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.

July 10-13—**Emergency Medicine: A Critical Appraisal.** California Chapter American College Emergency Physicians and Emergency Medical Associates at Ramada Inn at Fisherman's Wharf, San Francisco. Tuesday-Friday. 20 hrs. \$360. Contact: Seminars International, Dept. A, 15910 Ventura Blvd., Ste. 731, Encino 91436.

July 16-20—**Postgraduate Institute for Emergency Physicians.** UCSD. Monday-Friday. 33 hrs.

July 30-31—**Advanced Cardiac Life Support.** Emergency Care Education Center, Emergency Department Physicians, and Greater Los Angeles Affiliate American Heart Association at Queen Mary, Long Beach. Monday-Tuesday. 16 hrs. \$225. Contact: ECEC-ACLS, 4640 Admiralty Way, Ste. 508, Marina Del Rey 90291. (213) 822-1312.

August 3-5—**Whitewater Raft Conference: Trauma Evaluation and Treatment.** Mercy Medical Center at Klamath River. Friday-Sunday. 10 hrs. \$295. Contact: Mercy Medical Center, Dept. of Cont. Ed., P.O. Box 6009, Redding 96099-6009. (916) 243-2121.

August 22-24—**Ambulatory Surgery and Hysteroscopy.** American College of Obstetrics and Gynecology at Hotel del Coronado, Coronado. Wednesday-Friday. Contact: ACOG Reg., Ste. 300 E, 600 Maryland Ave., SW, Washington DC 20024.

August 24-26—**Wilderness Emergency Care—Mt. Shasta Summit Expedition.** Mercy Medical Center, Redding at Mt.

(Continued on Page 549)

(Continued from Page 547)

Shasta. Friday-Sunday. 10 hrs. \$350. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.

August 27-31—**Topics in Emergency Medicine.** UCSF at San Francisco. Monday-Friday. \$425.

September 1-3—**Whitewater Raft Conference: Wilderness Emergency Care.** Mercy Medical Center at Klamath River. Saturday-Monday. 10 hrs. \$295. Contact: Mercy Medical Center, Dept. of Cont. Ed., P.O. Box 6009, Redding 96099-6009. (916) 243-2121.

September 28-29—**Advanced Trauma Life Support Provider Course.** Emergency Shock Trauma Institute, Mercy Hospital at San Diego. Friday-Saturday. 16 hrs. \$475. Contact: Emergency Shock Trauma Institute, Mercy Hospital, 4077 5th Ave., San Diego 92103. (619) 294-8111.

INTERNAL MEDICINE

April 26-27—**3rd Annual Bright Horizons in Respiratory Care.** Annenberg Center for Health Sciences, Rancho Mirage. Thursday-Friday. 9 hrs. Contact: Annenberg Center for Health Sciences-A, Eisenhower Med. Ctr., 39000 Bob Hope Dr., Rancho Mirage 92270. (800) 621-7322.

April 28-May 5—**New Concepts in Gastroenterology: An EPIC Medical Expedition.** American Institute of Primary Care Medicine and University of Arizona College of Medicine at Poplin Creek Estate, Ojai. One week. 24 hrs. Contact: Richard F. Paris, MD. (208) 788-4995.

May 4-6—**Annual Meeting of the California Society of Internal Medicine** at Doubletree Inn, Monterey. Friday-Sunday. Contact: CSIM, 703 Market St., Ste. 1412, San Francisco 94103.

May 5-13—**Endocrinology in Clinical Practice.** UCSF. One week.

May 7-11—**Advances in Internal Medicine.** UCSF at Hyatt Regency, San Francisco. Monday-Friday.

May 7-11—**Clinical Microbiology Update.** American Society of Clinical Pathologists at San Francisco. Monday-Friday. 29.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago, IL 60612. (312) 738-1336, ext. 129.

May 20-26—**Effective Diagnosis and Treatment of Infectious Diseases: An EPIC Medical Expedition.** American Institute of Primary Care Medicine, University of Arizona College of Medicine at Napa Valley. One week. 24 hrs. Contact: Richard F. Paris, MD, P.O. Box 209, Sun Valley, ID 83353. (208) 788-4995.

June 13-15—**Gastroenterology: Recent Developments in Theory and Practice.** UCSF at Stanford Court Hotel, San Francisco. Wednesday-Friday. \$375.

June 18-22—**Advances in Internal Medicine.** UCSF at Hyatt Regency, San Francisco. Monday-Friday. \$465.

June 22-24—**Update on Cardiovascular Drugs—Whitewater Raft Conference.** Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.

July 7-14—**32nd Annual Intensive Review of Internal Medicine.** USC. One week. \$475.

July 20-22—**Infectious Disease.** Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.

July 29-August 1—**Biomedical Ethics—Wilderness Horseback Conference.** Mercy Medical Center, Redding at Trinity Alps Wilderness. Sunday-Wednesday. 10 hrs. \$350. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.

August 17-19—**2nd Annual La Jolla Summer Conference on Dermatology, Immunology and Rheumatology.** Scripps Clinic and Research Foundation at La Jolla Museum of Contemporary Art, La Jolla. Friday-Sunday. Contact: Dianne Tisue, Scripps Clinic and Research Foundation, 10666 N. Torrey Pines Rd., La Jolla 92037. (619) 457-8556.

August 19-24—**New Advances in Internal Medicine.** UCD at Hyatt Del Monte, Monterey. Sunday-Friday.

September 10-15—**6th Comprehensive Nephrology Review Course.** UCLA at Century Plaza Hotel, Los Angeles. Monday-Saturday. 38.5 hrs. \$695.

September 15—**Neurology.** UCSF at Fresno. Saturday.

September 16-20—**American Academy of Otolaryngology Annual Meeting** at Las Vegas. Sunday-Thursday. Contact: L. Douglas Cox, Dir. Meetings/Expeditions, 1101 Vermont Ave., NW, Ste. 302, Washington, DC 20005. (202) 289-4607.

September 19—**Common Musculoskeletal Problems.** Veterans Administration Medical Center, Sepulveda. Wednesday. Contact: Charles R. Beeson, MD, Assoc. Chief of Staff for Ed., VA Medical Center, 16111 Plummer St., Sepulveda 91343. (818) 891-2374.

OBSTETRICS AND GYNECOLOGY

April 16-19—**Diagnostic Cytology of the Female Genital Tract.** American Society of Clinical Pathologists at San Francisco. Monday-Thursday. 22.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

April 27-28—**29th Annual T. Hart Baker MD Obstetrics and Gynecology Symposium.** Southern California Kaiser-Permanente Medical Care Program at South Coast Plaza Hotel, Costa Mesa. Friday-Saturday. Contact: Dept. of Clinical Services, 4747 Sunset Blvd., Los Angeles 90027. (213) 667-4241.

May 5-10—**32nd Annual Clinical Meeting of American College of Obstetrics and Gynecology** at San Francisco. Saturday-Thursday. 17 hrs. Contact: ACOG, Registrar, Ste. 300 E, 600 Maryland Ave., SW, Washington, DC 20024.

May 13-16—**Recent Advances in Obstetrics and Gynecology.** UCSD. Sunday-Wednesday.

May 30-June 2—**Controversies in Obstetrics and Gynecology.** Memorial Hospital Medical Center and UCI at Silverado Country Club and Resort, Napa. Wednesday-Saturday. 20 hrs. Contact: Asst. Dir., Center for Health Ed., 2801 Atlantic Ave., Long Beach 90801-1428.

August 9-11—**Basic and Advanced Colposcopy.** American College of Obstetrics and Gynecology at Fairmont Hotel, San Francisco. Thursday-Saturday. 16 hrs. Contact: ACOG Reg., Ste. 300 E., 600 Maryland Ave., SW, Washington, DC 20024.

August 22-24—**Ambulatory Surgery and Hysteroscopy.** See Emergency Medicine, August 22-24.

OPHTHALMOLOGY

May 12—**Contact Lens Practice in the Mid-80's.** Jules Stein Eye Institute, Los Angeles. Saturday. \$100. Contact: Lu Hendricks, Academic Program Admin., JSEI, UCLA School of Medicine, Center for the Health Sciences, Los Angeles 90024.

June 7-8—**Practical Office Management of Corneal, External Diseases and Uveitis.** UCSF at Hyatt Regency, San Francisco. Thursday-Friday.

June 8-9—**Microsurgery and Laser Techniques for Glaucoma.** Jules Stein Eye Institute, Los Angeles. Friday-Saturday. 14 hrs. \$500. Contact: Lu Hendricks, JSEI, 800 Westwood Plaza, Los Angeles 90024.

June 14-16—**Cosmetic Blepharoplasty Workshop.** Jules Stein Eye Institute, Los Angeles. Thursday-Saturday. 18 hrs. \$750. Contact: Lu Hendricks, JSEI, 800 Westwood Plaza, Los Angeles 90024.

June 29-30—**Pediatric Ophthalmology for the Pediatrician and Primary Care Physician.** See Pediatrics, June 29-30.

PEDIATRICS

April 25-27—**9th Annual Symposium: Care of the Sick Newborn.** Memorial Hospital Medical Center and UCI at Hyatt Regency, Long Beach. Wednesday-Sunday. 17 hrs. Contact: Asst. Dir., Center for Health Ed., 2801 Atlantic Ave., Long Beach 90801-1428.

April 26-28—**Advances in Pediatrics.** UCSF at Mark Hopkins, San Francisco. Thursday-Saturday.

April 27-29—**Pediatric Infectious Disease.** American Academy of Pediatrics at Royal Lahaina Resort, Maui. Friday-Sunday. Contact: AAP, Div. of Cont. Ed., P.O. Box 1034, Evanston, IL 60204.

May 7-11—**The 1984 14th Annual Review of Pediatrics.** USC and Children's Hospital of Los Angeles at Los Angeles. Monday-Friday. 26 hrs. \$350. Contact: USC.

May 16—**Los Angeles Pediatric Society Meeting** at Los Angeles. Wednesday. Contact: Eve Black, Exec. Sec., P.O. Box 2022, Inglewood 90305. (213) 757-1198.

May 17-18—**Child Abuse: Behavioral and Developmental Consequences.** See Psychiatry, May 17-18.

May 26-28—**1984 Annual Spring Meeting Northern California Chapter American Academy of Pediatrics** at Hyatt Del Monte, Monterey. Saturday-Monday. 11 hrs. Contact: AAP, 1125 A St., Ste. 210, San Rafael 94901. (415) 459-4775.

June 13—**Seizure Disorders in Infancy and Childhood.** LLU. Wednesday. 4 hrs. \$50.

June 28-30—**9th Annual Meeting of the Society for Pediatric Dermatology.** STAN at Caesar's Tahoe, Lake Tahoe. Thursday-Saturday.

References:

1. Stone PH, Turi ZG, Muller JE: Efficacy of nifedipine therapy for refractory angina pectoris. *Am Heart J* 104:672-681, September 1982.
2. Antman E, Muller J, Goldberg S, et al: Nifedipine therapy for coronary-artery spasm: Experience in 127 patients. *N Engl J Med* 302:1269-1273, June 5, 1980.

BRIEF SUMMARY

PROCARDIA® (nifedipine) CAPSULES

For Oral Use

INDICATIONS AND USAGE: I. **Vasospastic Angina:** PROCARDIA (nifedipine) is indicated for the management of vasospastic angina confirmed by any of the following criteria: 1) classical pattern of angina at rest accompanied by ST segment elevation, 2) angina or coronary artery spasm provoked by ergonovine, or 3) angiographically demonstrated coronary artery spasm. In those patients who have had angiography, the presence of significant fixed obstructive disease is not incompatible with the diagnosis of vasospastic angina, provided that the above criteria are satisfied. PROCARDIA may also be used where the clinical presentation suggests a possible vasospastic component but where vasospasm has not been confirmed, e.g., where pain has a variable threshold on exertion or in unstable angina where electrocardiographic findings are compatible with intermittent vasospasm, or when angina is refractory to nitrates and/or adequate doses of beta blockers.

II. **Chronic Stable Angina (Classical Effort-Associated Angina):** PROCARDIA is indicated for the management of chronic stable angina (effort-associated angina) without evidence of vasospasm in patients who remain symptomatic despite adequate doses of beta blockers and/or organic nitrates or who cannot tolerate those agents.

In chronic stable angina (effort-associated angina) PROCARDIA has been effective in controlled trials of up to eight weeks duration in reducing angina frequency and increasing exercise tolerance, but confirmation of sustained effectiveness and evaluation of long-term safety in those patients are incomplete.

Controlled studies in small numbers of patients suggest concomitant use of PROCARDIA and beta blocking agents may be beneficial in patients with chronic stable angina, but available information is not sufficient to predict with confidence the effects of concurrent treatment, especially in patients with compromised left ventricular function or cardiac conduction abnormalities. When introducing such concomitant therapy, care must be taken to monitor blood pressure closely since severe hypotension can occur from the combined effects of the drugs. (See Warnings.)

CONTRAINDICATIONS:

Known hypersensitivity reaction to PROCARDIA.
WARNINGS: Excessive Hypotension: Although in most patients, the hypotensive effect of PROCARDIA is modest and well tolerated, occasional patients have had excessive and poorly tolerated hypotension. These responses have usually occurred during initial titration or at the time of subsequent upward dosage adjustment, and may be more likely in patients on concomitant beta blockers.

Severe hypotension and/or increased fluid volume requirements have been reported in patients receiving PROCARDIA together with a beta blocking agent who underwent coronary artery bypass surgery using high dose fentanyl anesthesia. The interaction with high dose fentanyl appears to be due to the combination of PROCARDIA and a beta blocker, but the possibility that it may occur with PROCARDIA alone, with low doses of fentanyl, in other surgical procedures, or with other narcotic analgesics cannot be ruled out. In PROCARDIA treated patients where surgery using high dose fentanyl anesthesia is contemplated, the physician should be aware of these potential problems and, if the patient's condition permits, sufficient time (at least 36 hours) should be allowed for PROCARDIA to be washed out of the body prior to surgery.

Increased Angina: Occasional patients have developed well documented increased frequency, duration or severity of angina on starting PROCARDIA or at the time of dosage increases. The mechanism of this response is not established but could result from decreased coronary perfusion associated with decreased diastolic pressure with increased heart rate, or from increased demand resulting from increased heart rate alone.

Beta Blocker Withdrawal: Patients recently withdrawn from beta blockers may develop a withdrawal syndrome with increased angina, probably related to increased sensitivity to catecholamines. Initiation of PROCARDIA treatment will not prevent this occurrence and might be expected to exacerbate it by provoking reflex catecholamine release. There have been occasional reports of increased angina in a setting of beta blocker withdrawal and PROCARDIA initiation. It is important to taper beta blockers if possible, rather than stopping them abruptly before beginning PROCARDIA.

Congestive Heart Failure: Rarely, patients, usually receiving a beta blocker, have developed heart failure after beginning PROCARDIA. Patients with tight aortic stenosis may be at greater risk for such an event.

PRECAUTIONS: General: Hypotension: Because PROCARDIA decreases peripheral vascular resistance, careful monitoring of blood pressure during the initial administration and titration of PROCARDIA is suggested. Close observation is especially recommended for patients already taking medications that are known to lower blood pressure. (See Warnings.)

Peripheral edema: Mild to moderate peripheral edema, typically associated with arterial vasodilation and not due to left ventricular dysfunction, occurs in about one in ten patients treated with PROCARDIA. This edema occurs primarily in the lower extremities and usually responds to diuretic therapy. With patients whose angina is complicated by congestive heart failure, care should be taken to differentiate this peripheral edema from the effects of increasing left ventricular dysfunction.

Drug Interactions: Beta-adrenergic blocking agents: (See Indications and Warnings.) Experience in over 1400 patients in a non-comparative clinical trial has shown that concomitant administration of PROCARDIA and beta-blocking agents is usually well tolerated, but there have been occasional literature reports suggesting that the combination may increase the likelihood of congestive heart failure, severe hypotension or exacerbation of angina.

Long-acting nitrates: PROCARDIA may be safely co-administered with nitrates, but there have been no controlled studies to evaluate the antianginal effectiveness of this combination.

Digitalis: Administration of PROCARDIA with digoxin increased digoxin levels in nine of twelve normal volunteers. The average increase was 45%. Another investigator found no increase in digoxin levels in thirteen patients with coronary artery disease. In an uncontrolled study of over two hundred patients with congestive heart failure during which digoxin blood levels were not measured, digitalis toxicity was not observed. Since there have been isolated reports of patients with elevated digoxin levels, it is recommended that digoxin levels be monitored when initiating, adjusting, and discontinuing PROCARDIA to avoid possible over- or under-digitalization.

Carcinogenesis, mutagenesis, impairment of fertility: When given to rats prior to mating, nifedipine caused reduced fertility at a dose approximately 30 times the maximum recommended human dose.

Pregnancy: Category C. Please see full prescribing information with reference to teratogenicity in rats, embryotoxicity in rats, mice and rabbits, and abnormalities in monkeys.

ADVERSE REACTIONS: The most common adverse events include dizziness or light-headedness, peripheral edema, nausea, weakness, headache and flushing each occurring in about 10% of patients, transient hypotension in about 5%, palpitation in about 2% and syncope in about 0.5%. Syncopal episodes did not recur with reduction in the dose of PROCARDIA or concomitant antianginal medication. Additionally, the following have been reported: muscle cramps, nervousness, dyspnea, nasal and chest congestion, diarrhea, constipation, inflammation, joint stiffness, shakiness, sleep disturbances, blurred vision, difficulties in balance, dermatitis, pruritus, urticaria, fever, sweating, chills, and sexual difficulties. Very rarely, introduction of PROCARDIA therapy was associated with an increase in anginal pain, possibly due to associated hypotension.

In addition, more serious adverse events were observed, not readily distinguishable from the natural history of the disease in these patients. It remains possible, however, that some or many of these events were drug related. Myocardial infarction occurred in about 4% of patients and congestive heart failure or pulmonary edema in about 2%. Ventricular arrhythmias or conduction disturbances each occurred in fewer than 0.5% of patients.

Laboratory Tests: Rare, mild to moderate, transient elevations of enzymes such as alkaline phosphatase, CPK, LDH, SGOT, and SGPT have been noted, and a single incident of significantly elevated transaminases and alkaline phosphatase was seen in a patient with a history of gall bladder disease after about eleven months of nifedipine therapy. The relationship to PROCARDIA therapy is uncertain. These laboratory abnormalities have rarely been associated with clinical symptoms. Cholestasis, possibly due to PROCARDIA therapy, has been reported twice in the extensive world literature.

HOW SUPPLIED: Each orange, soft gelatin PROCARDIA CAPSULE contains 10 mg of nifedipine. PROCARDIA CAPSULES are supplied in bottles of 100 (NDC 0069-2600-66), 300 (NDC 0069-2600-72), and unit dose (10x10) (NDC 0069-2600-41). The capsules should be protected from light and moisture and stored at controlled room temperature 59° to 77°F (15° to 25°C) in the manufacturer's original container.

More detailed professional information available on request.

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LABORATORIES DIVISION
PFIZER INC.

(Continued on Page 556)

June 29-30—**Pediatric Ophthalmology for the Pediatrician and Primary Care Physician.** UCSD at Vacation Village, San Diego. Friday-Saturday. 8 hrs. \$100.

PSYCHIATRY

April 27-28—**Family Violence and Violent Interactions.** Mental Research Institute, Palo Alto. Friday-Saturday. 6 hrs. \$85. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

April 28-29—**The Cutting Edge—1984: The Psychotherapy of Borderline and Narcissistic Disorders.** UCSD at Hotel del Coronado, San Diego. Saturday-Sunday. 13 hrs. \$250.

May 3-6—**28th Annual Meeting of the American Academy of Psychoanalysis** at Hyatt Regency Hotel, Los Angeles. Thursday-Sunday. Contact: AAP, 30 E. 40th St., Ste. 608, New York, NY 10016. (212) 697-4105.

May 5—**The Skills of Family Therapy Supervision.** Mental Research Institute, Palo Alto. Saturday. 6 hrs. \$75. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

May 9-11—**Sexually Traumatized Adults, Children and Adolescents.** Mental Research Institute, Palo Alto. Wednesday-Friday. 9 hrs. \$90. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

May 12—**Treating Depression in a Marital Context.** Mental Research Institute, Palo Alto. Saturday. 5 hrs. \$60. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

May 14-17—**Family Crisis: Intervention Strategies.** Mental Research Institute, Palo Alto. Monday-Thursday. 12 hrs. \$150. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

May 17-18—**Child Abuse: Behavioral and Developmental Consequences.** UCD at Holiday Inn Holidome, Sacramento. Thursday-Friday.

May 19—**Conception and Misconceptions of Structural Family Therapy.** Mental Research Institute, Palo Alto. Saturday. 6 hrs. \$75. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

May 19-20—**Freud-Jung Symposium: Clinical Issues.** UCSF at Golden Gateway Holiday Inn, San Francisco. Saturday-Sunday.

June 8—**8th Annual Psychiatry Symposium.** Southern California Kaiser-Permanente Medical Group at Newport Beach Marriott Hotel. Friday. 6 hrs. \$100. Contact: Dept. of Clinical Services, SCKPMG, 4747 Sunset Blvd., Los Angeles 90027.

June 9—**Brief Therapy with Child and Adolescent Problems.** Mental Research Institute, Palo Alto. Saturday. 6 hrs. \$70. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

June 16—**Clinical Decision-Making with Couples and Families.** Mental Research Institute, Palo Alto. Saturday. 6 hrs. \$75. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

June 18-22—**Divorce Mediation.** Mental Research Institute, Palo Alto. Monday-Friday. 20 hrs. \$195. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

July 14—**The Interactional Treatment of Eating Disorders.** Mental Research Institute, Palo Alto. Saturday. 7 hrs. \$95. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

July 20-21—**Human Sexuality for the Health Professional.** Mental Research Institute, Palo Alto. Friday-Saturday. 10 hrs. \$100. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

July 23-27—**Couple and Family Therapy: Conflict and Change.** Mental Research Institute, Palo Alto. Monday-Friday. 15 hrs. \$150. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

July 28—**Treating Depression in a Marital Context.** Mental Research Institute, Palo Alto. Saturday. 5 hrs. \$60. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

July 29-August 2—**Mental Research Institute Summer Seminar** at Palo Alto. Sunday-Thursday. 27 hrs. \$270. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

August 6-8—**Basic Hypnotherapy: Principles and Applications.** Mental Research Institute, Palo Alto. Monday-Wednesday. 6 hrs. \$65. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

August 6-10—**Brief Therapy.** Mental Research Institute, Palo Alto. Monday-Friday. 15 hrs. \$175. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

August 13-16—**Family Crisis: Intervention Strategies.** Mental Research Institute, Palo Alto. Monday-Thursday. 12 hrs. \$150. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

August 18-23—**Responsibility Issues in Mental Health.** Southern California Psychiatric Institute at Mauna Kea Beach Hotel, Kauai, HI. Saturday-Thursday. 15 hrs. Contact: Gail Waldron, MD, Program Dir., SCPI, 6794 La Jolla Blvd., La Jolla 92037. (619) 454-2102.

August 22-24—**Sexually Traumatized Adults, Children and Adolescents.** Mental Research Institute, Palo Alto. Wednesday-Friday. 9 hrs. \$90. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

August 25—**Case Studies in Brief Interactional Therapy.** Mental Research Institute, Palo Alto. Saturday. 6 hrs. \$70. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

RADIOLOGY AND PATHOLOGY

April 16-19—**Diagnostic Cytology of the Female Genital Tract.** See Obstetrics and Gynecology, April 16-19.

April 23-27—**Review in Immunohematology and Blood Banking.** American Society of Clinical Pathologists at San Francisco. Monday-Friday. 31.5 hrs. Contact: Regional Educational Activities, 2100 W. Harrison St., Chicago, IL 60612. (312) 738-1336, ext. 129.

April 29-May 4—**4th Annual Residents' Radiology Review Course.** UCSD. Sunday-Friday. 37 hrs. \$360.

May 4-6—**California Radiological Society 1984 Annual Meeting** at Del Monte Hyatt House, Monterey. Friday-Sunday. 11.5 hrs. Contact: CRS, 1225 8th St., Ste. 590, Sacramento 95814. (916) 446-2028.

May 7-11—**Clinical Microbiology Update.** American Society of Clinical Pathologists at San Francisco. Monday-Friday. 29.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

(Continued on Page 558)

May 7-11—**San Diego Imaging Symposium.** UCSD. Monday-Friday. 27 hrs. \$400.

May 22-25—**Present Concepts in Diagnostic Radiology.** Letterman Army Medical Center, San Francisco. Tuesday-Friday. 26 hrs. Contact: R. S. Pakusch, MD, Program Chairman. (415) 561-3764.

June 8-10—**9th Annual Spring Diagnostic Ultrasound Conference.** Los Angeles Radiological Society at Century Plaza Hotel, Los Angeles. Friday-Sunday. 17 hrs. \$290. Contact: Richard A. Oas, MD, SDUC, % LARS, 5200 Century Blvd., Ste. 920, Los Angeles 90045. (213) 484-5120.

June 10-16—**4th Annual Post Conference Seminar.** American College of Radiology at Silverado Country Club, Napa Valley. One week. 20 hrs. \$350. Contact: Richard A. Oas, MD, SDUC, % LARS, 5200 Century Blvd., Ste. 920, Los Angeles 90045. (213) 484-5120.

June 13-15—**Contemporary Aspects of Clinical Immunology.** American Society of Clinical Pathologists at San Diego. Wednesday-Friday. 18.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

June 17-22—**Pathology of the Lung.** UCSD. Sunday-Friday. 50 hrs.

August 14-18—**Radiology Physics Review Course.** UCD at Sacramento. Tuesday-Saturday.

August 20-24—**Radiology of the Abdomen.** UCSD at San Diego and Anaheim. Monday-Friday. 27 hrs. \$395.

September 17-20—**American College of Radiology Meeting** at Century Plaza Hotel, Los Angeles. Monday-Thursday. Contact: ACR, 20 N. Wacker Dr., Chicago 60606. (312) 236-4963.

SPORTS MEDICINE

May 2-6—**Mountain Medicine: 1984.** UCD at Stanford Sierra Lodge, Fallen Leaf Lake. Friday-Tuesday.

May 23-26—**American College of Sports Medicine Meeting** at Town and Country Hotel, San Diego. Monday-Thursday. Contact: T. Miller, Exec. Dir., ACSM, 1440 Monroe St., Madison, WI 53706.

June 14-16—**Knee Problems in Athletes.** American Academy of Orthopaedic Surgeons at Monterey. Thursday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago 60611.

June 24-27—**Marine Medicine.** UCD at Hyatt Del Monte, Monterey. Sunday-Wednesday.

July 20-22—**Sports Medicine and Cardiovascular Fitness—Whitewater Raft Conference.** Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.

July 23-26—**10th Annual Meeting of American Orthopaedic Society for Sports Medicine** at Marriott Hotel, Anaheim. Monday-Thursday. Contact: AOSSM, P.O. Box 94274, Chicago 60690.

SURGERY

April 19-21—**Nasal Plastic and Reconstructive Surgery.** Pacific Medical Center, San Francisco. Thursday-Saturday. 15 hrs. \$350. Contact: Div. of Ed., Presbyterian Hospital of Pacific Medical Center, P.O. Box 7999, San Francisco 94120.

April 28—**50,000 Open-Heart Operations.** Eisenhower Medical Center at Annenberg Center for Health Sciences, Rancho Mirage. Saturday. 2 hrs. Contact: Heart Institute of the Desert, Wright Bldg., Ste. 406, 39000 Bob Hope Dr., Rancho Mirage 92270. (619) 568-2900.

May 3-5—**The Wrist.** American Academy of Orthopaedic Surgeons at Newport Beach. Thursday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago, IL 60611.

May 6-9—**American Association of Plastic Surgeons Meeting** at Hotel del Coronado, Coronado. Sunday-Wednesday. Contact: AAPS, Div. of Plastic Surgery, School of Medicine, Univ. of No. Carolina, Chapel Hill, NC 27514. (919) 966-3080.

May 9—**Surgery.** LLU. Wednesday. 4 hrs \$50.

May 12—**Cardiac Surgery Research.** Eisenhower Medical Center at Annenberg Center for Health Sciences, Rancho Mirage. Saturday. 2 hrs. Contact: Heart Institute of the Desert, Wright Bldg., Ste. 406, 39000 Bob Hope Dr., Rancho Mirage 92270. (619) 568-2900.

May 13-25—**Temporal Bone Surgical Dissection 1984.** House Ear Institute, Los Angeles. 2 weeks. 100 hrs. \$1,500. Contact: Antonio de la Cruz, MD, Dir. of Ed., HEI, 256 S. Lake St., Los Angeles 90057. (213) 483-4431.

May 14-18—**Microsurgery Training Workshop.** Microsurgery Education and Research Foundation at La Jolla Village Inn, La Jolla. Monday-Friday. 35 hrs. \$1,300. Contact: Hazel Sayers, Workshop Coord., P.O. Box 22514, San Diego 92122.

May 21-25—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 35 hrs. \$1,200.

June 1-3—**Failed Arthroplasty Revision and Salvage.** American Academy of Orthopaedic Surgeons at San Francisco. Friday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago 60611.

June 4-8—**Microsurgery Training Workshop.** Microsurgery Education and Research Foundation at La Jolla Village Inn, La Jolla. Monday-Friday. 35 hrs. \$1,300. Contact: Hazel Sayers, Workshop Coord., P.O. Box 22514, San Diego 92122.

June 9-14—**Fingers to the Toes: An Orthopedic Approach for the Family Physician.** UCD at Stanford Sierra Lodge, Fallen Leaf Lake. Saturday-Thursday.

June 18-22—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 35 hrs. \$1,200.

June 20-24—**Western Thoracic Surgical Association Annual Meeting** at Hyatt Regency, Maui. Wednesday-Sunday. Contact: WTSA, 13 Elm St., Manchester, MA 01944. (617) 927-8330.

June 21-23—**Gynecologic Surgery: Principles and Techniques.** American College of Obstetrics and Gynecology at Silverado, Napa. Thursday-Saturday. 16 hrs. Contact: ACOG Reg., Ste. 300 E, 600 Maryland Ave., SW, Washington, DC 20024.

June 25-29—**Advanced Microsurgery Training Workshop.** UCSD. Monday-Friday. 35 hrs. \$1,200.

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PHYSICIAN CONSULTATION AND INTERPRETIVE ASSISTANCE By Board Certified Medical Geneticist

August 22-24—Ambulatory Surgery and Hysteroscopy. See Emergency Medicine, August 22-24.

September 20-22—Microsurgery: An Introduction to Micro-technique for Small Artery and Nerve Repair. American Academy of Orthopaedic Surgeons at San Diego. Thursday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago 60611.

OF INTEREST TO ALL PHYSICIANS

April 23-26—Alcoholism and Drug Addiction Intervention Workshop. Scripps Memorial Hospital, La Jolla. Monday-Thursday. \$165. Contact: Meeting Management, 3770 Tansy, San Diego 92121. (619) 453-6222.

April 25-26—Research in Continuing Medical Education. UCSF. Wednesday-Thursday.

April 28—Eating Disorders in the Young Adult: Obesity and Anorexia. Children's Hospital Medical Center, Oakland. Saturday. 5 hrs. \$25. Contact: Mr. Eddie Burden, Teen Clinic—Bldg. J, CHMC, 51st and Grove Sts., Oakland 94609. (415) 428-3387.

April 28-29—Basic Curriculum. American Occupational Medicine Association at Los Angeles. Saturday-Sunday. 15 hrs. Contact: AOMA, 2340 S. Arlington Heights Rd., Arlington Heights, IL 60005.

April 29-May 5—American Occupational Health Conference at Los Angeles. One week. Contact: AOMA, 2340 S. Arlington Heights Rd., Arlington Heights, IL 60005.

May 5-12—Challenges in Acute Medicine: An EPIC Medical Expedition. American Institute of Primary Care Medicine and University of Arizona College of Medicine at Poplin Creek Estate, Ojai. One week. Contact: Richard F. Paris, MD. (208) 788-4995.

May 6-10—55th Annual Scientific Meeting of the Aerospace Medical Association at San Diego. Sunday-Thursday. 24 hrs. Contact: ASMA, Washington National Airport, Washington, DC 20001.

May 14-18—Office Procedures. UCSF at Golden Gateway Holiday Inn, San Francisco. Monday-Friday.

May 18-20—The Primary Care Physician and Cancer. See Cancer, May 18-20.

May 19-20—12th Annual Family Practice Symposium. Southern California Permanente Medical Group at Sheraton Universal Hotel, North Hollywood. Saturday-Sunday. 11 hrs. Contact: SCPMG, Dept. of Clinical Services, 4747 Sunset Blvd., Los Angeles 90027. (213) 667-4241.

May 20-25—Family Practice Refresher Course. UCD at Napa Valley Holiday Inn, Napa. Sunday-Friday.

May 21-26—Intensive Review Course in Family Medicine. DREW at Disneyland Hotel, Anaheim. Monday-Saturday.

May 29-June 2—11th Annual UCLA Santa Monica Hospital Medical Center Family Practice Refresher Program. UCLA at Miramar-Sheraton Hotel, Santa Monica. Tuesday-Saturday. 35.5 hrs. \$385.

(Continued on Page 563)

(Continued from Page 559)

June 1-12—**Southwestern Regional Cutaneous Flap Workshop.** Dermatology Research Foundation of California at UCLA. Friday-Saturday. 14 hrs. \$495. Contact: Daniel E. Gormley, MD, 412 W. Carroll, Ste. 207, Glendora 91740.

June 5-8—**Society of Nuclear Medicine 31st Annual Meeting** at Los Angeles Convention Center. Tuesday-Friday. 36 hrs. Contact: Meetings Dept., SNM, 475 Park Ave. So., New York, NY 10016. (212) 889-0717.

June 8—**Occupational Medicine.** UCD at Beverly Garland Motor Lodge, Sacramento. Friday.

June 11-15—**Review in Clinical Chemistry.** American Society of Clinical Pathologists at Monterey. Monday-Friday. 35 hrs. Contact: Reg. Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

June 14-16—**Postgraduate Institute—Geriatrics.** CMA at Hyatt, Lake Tahoe. Thursday-Saturday.

June 17-23—**UCI Family Practice Refresher Course.** UCI and Memorial Medical Center of Long Beach at Grand Hotel, Anaheim. One week. Contact: MMCLB, 2801 Atlantic Ave., Long Beach 90801. (714) 595-3811.

June 18-20—**Aluminum-Related Disease: Features, Pathogenesis, Recognition and Treatment and Prevention.** UCLA at The Newporter, Newport Beach. Monday-Wednesday. 20 hrs. \$150.

June 20-24—**Golden State Medical Association Annual Scientific Session** at Hawaiian Regent Hotel, Oahu. Wednesday-Sunday. Contact: Lillian Fortier, GMSA, P.O. Box 2151 Station A, Berkeley 94702.

June 21-23—**1st Annual Superficial Anatomy and Cutaneous Surgery for Dermatologists: 1984.** UCSD. Thursday-Saturday. 22.5 hrs. \$500.

June 29-30—**Pediatric Ophthalmology for the Pediatrician and Primary Care Physician.** See Pediatrics, June 29-30.

July 7-8—**Weekend with the Masters.** UCSD and Great Teachers Foundation at Double Tree Inn, Monterey. Saturday-Sunday. 20 hrs. \$325. Contact: P.O. Box 61203, DFW Airport, TX 75261. (214) 659-4590.

July 10-12—**Family Practice Board Review Course.** UCSF. Tuesday-Thursday. 22 hrs. \$300.

August 1-4—**Dermatology.** UCD at Hyatt Lake Tahoe, Incline Village. Wednesday-Saturday.

August 11-18—**4th Annual Fine Needle Aspiration.** UCSF. One week.

August 17-19—**Nutrition, Obesity, and Weight Control—White Water Raft Conference.** Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, P.O. Box 6009, Redding 96099.

September 1—**Medical Mycology.** UCSF. Saturday.

September 17-21—**Office Procedures.** UCSF at Golden Gateway Holiday Inn, San Francisco. Monday-Friday.

September 19-21—**State of the Art in the Care of Geriatric Patients: Pre-Intra-Post-Operative Management.** Mount Zion Hospital and Medical Center, San Francisco. Wednesday-

Friday. \$325. Contact: Robin B. Jackson, Office of Cont. Ed., P.O. Box 7921, San Francisco 94120. (415) 567-6600, ext. 2404.

September 19-23—**Annual Scientific Program and Postgraduate Course of the Pacific Coast Fertility Society** at Marriott's Rancho Las Palmas, Rancho Mirage. Wednesday-Sunday. 21 hrs. Contact: PCFS, 5820 Wilshire Blvd., #500, Los Angeles 90036. (213) 937-5514.

September 20-23—**34th Annual Obesity and Associated Conditions Symposium.** American Society of Bariatric Physicians at MGM Grand Hotel, Reno. Thursday-Sunday. 17 hrs. Contact: Randall B. Lee, Exec. Dir., 4730 E. Caley Ave., Ste. 210, Englewood, CO 80111. (303) 779-4833.

ALASKA

June 8-12—**Alaska State Medical Association Annual Meeting.** Valdez Convention Center. Friday-Tuesday. Contact: ASMA, 4107 Laurel St., Anchorage 99504. (907) 277-6891.

June 9-16—**Advances in Pulmonary Medicine: An EPIC Medical Expedition.** American Institute of Primary Care Medicine and University of Arizona College of Medicine at Katmai National Park. 24 hrs. Contact: Richard F. Paris, MD, PO Box 209, Sun Valley, ID 83353. (208) 788-4995.

IDAHO

June 23-27—**Ethics at the Edges of Life.** University of Washington School of Medicine at Elkhorn, Sun Valley. Saturday-Wednesday. Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle 98195. (206) 543-1050.

July 25-28—**Idaho Medical Association Annual Meeting.** Sun Valley. Wednesday-Saturday. Contact: IMA, 407 W. Bannock St., P.O. Box 2668, Boise 83701.

MONTANA

October 4-6—**Montana Medical Association Annual Meeting.** Sheraton, Billings. Thursday-Saturday. Contact: MMA, 2012 11th Ave., Suite 12, Helena 59601. (406) 433-4000.

(Continued on Page 658)

XANAX® Tablets G
(alprazolam)

CONTRAINDICATIONS

Patients with sensitivity to this drug or other benzodiazepines and in acute narrow angle glaucoma.

WARNINGS

Not of value in psychotic patients. Caution patients against hazardous occupations requiring complete mental alertness and about the simultaneous ingestion of alcohol and other CNS depressant drugs.

Benzodiazepines can cause fetal harm in pregnant women. Warn patients of the potential hazard to the fetus. Avoid during the first trimester.

PRECAUTIONS

General: If XANAX is combined with other psychotropics or anti-convulsant drugs, consider drug potentiation. Exercise the usual precautions regarding size of the prescription for depressed or suicidal patients. In elderly and debilitated patients, use the lowest possible dosage. Observe the usual precautions in treating patients with impaired renal or hepatic function.

Information for Patients: Alert patients about: (a) consumption of alcohol and drugs, (b) possible fetal abnormalities, (c) operating machinery or driving, (d) not increasing dose of the drug due to risk of dependence, (e) not stopping the drug abruptly. **Laboratory Tests:** Not ordinarily required in otherwise healthy patients. **Drug Interactions:** Additive CNS depressant effects with other psychotropics, anticonvulsants, antihistamines, ethanol and other CNS depressants. Pharmacokinetic interactions with benzodiazepines have been reported. **Drug/Laboratory Test Interactions:** No consistent pattern for a specific drug or specific test. **Carcinogenesis, Mutagenesis, Impairment of Fertility:** No carcinogenic potential or impairment of fertility in rats. **Pregnancy:** See Warnings. **Nonteratogenic Effects:** The child born of a mother on benzodiazepines may be at some risk for withdrawal symptoms and neonatal flaccidity. **Labor and Delivery:** No established use. **Nursing Mothers:** Benzodiazepines are excreted in human milk. Women on XANAX should not nurse. **Pediatric Use:** Safety and effectiveness in children below the age of 18 have not been established.

ADVERSE REACTIONS

Side effects are generally observed at the beginning of therapy and usually disappear with continued medication. In the usual patient, the most frequent side effects are likely to be an extension of the pharmacological activity of XANAX, e.g., drowsiness or lightheadedness.

Central Nervous System: Drowsiness, lightheadedness, depression, headache, confusion, insomnia, nervousness, syncope, dizziness, akathisia, and tiredness/sleepiness.

Gastrointestinal: Dry mouth, constipation, diarrhea, nausea/vomiting, and increased salivation.

Cardiovascular: Tachycardia/palpitations, and hypotension.

Sensory: Blurred vision.

Musculoskeletal: Rigidity and tremor.

Cutaneous: Dermatitis/allergy.

Other Side Effects: Nasal congestion, weight gain, and weight loss.

In addition, the following adverse events have been reported with the use of anxiolytic benzodiazepines: dystonia, irritability, concentration difficulties, anorexia, loss of coordination, fatigue, sedation, slurred speech, jaundice, musculoskeletal weakness, pruritus, diplopia, dysarthria, changes in libido, menstrual irregularities, incontinence and urinary retention.

Paradoxical reactions such as stimulation, agitation, increased muscle spasticity, sleep disturbances, and hallucinations may occur. Should these occur, discontinue the drug.

During prolonged treatment, periodic blood counts, urinalysis, and blood chemistry analyses are advisable. Minor EEG changes, of unknown significance, have been observed.

DRUG ABUSE AND DEPENDENCE

Physical and Psychological Dependence: Withdrawal symptoms have occurred following abrupt discontinuance of benzodiazepines. After prolonged therapy, dosage should be tapered. **Controlled Substance Class:** XANAX is a controlled substance and has been assigned to schedule IV.

DOSAGE AND ADMINISTRATION

The usual starting dose is 0.25 to 0.5 mg, t.i.d. Maximum total daily dose is 4 mg. In the elderly or debilitated, the usual starting dose is 0.25 mg, two or three times daily.

CAUTION: FEDERAL LAW PROHIBITS DISPENSING WITHOUT PRESCRIPTION.

BS-1

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Kalamazoo, Michigan 49001 USA

(Continued from Page 563)

NEW MEXICO

All courses listed below have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. The Continuing Medical Education Committee of the New Mexico Medical Society has certified all courses listed below as meeting the criteria for Category IV under the New Mexico Board of Medical Examiners Continuing Medical Education regulations.

Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite 204, Albuquerque, NM 87108 at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

April 26-28—Psychology of Health and Illness: Mind-Body Relationships. Albuquerque. Thursday-Saturday. Marriott Hotel. 10 hrs. AMA Cat. I, NM Cat. IV. Contact: Office of CME, UNM School of Medicine, Albuquerque 87141. (505) 277-3942.

May 3-4—New Mexico Medical Society Annual Meeting. Santa Fe. Thursday-Friday. Hilton Inn. 10 hrs. AMA Cat. I, NM Cat. IV, AAFP Prescribed. Contact: NM Medical Society, 303 San Mateo NE, Ste 204, Albuquerque 87108. (505) 266-7868.

May 5—Anesthesia Update 1984. Albuquerque. Saturday. Savage Auditorium, Presbyterian Medical Center. 6 hrs. AMA Cat. I, NM Cat. IV. Contact: Jacob Mainzer, Jr, MD, 1820 Randolph SE, Albuquerque 87106. (505) 247-9749.

May 10-12—Arrhythmia Diagnosis and Management for the Primary Care and Emergency Physician. Albuquerque. Thursday-Saturday. Presbyterian Medical Center. 18 hrs. AMA Cat. I, NM Cat. IV. Contact: Barry W. Ramo, MD, 201 Cedar SE, #604, Albuquerque 87106. (505) 242-2796.

May 18-19—Breast Cancer: Current Concepts and Controversies. Albuquerque. Friday-Saturday. Clarion Four Seasons Hotel. 10 hrs. AMA Cat. I, NM Cat. IV. Contact: Office of CME, UNM School of Medicine, Albuquerque 87141. (505) 277-3942.

May 24-25—Chronic Pain: Current Status and Future Directions. Santa Fe. Thursday-Friday. La Fonda Hotel. 10¼ hrs. NM Cat. IV. Contact: Ms Helene Slansky, Coordinator, Santa Fe Neurological Sciences Institute, St. Vincent Hospital, Box 5764, Santa Fe 87501. (505) 983-4744.

June 8-9—New Mexico Chapter, American College of Surgeons. Las Cruces. Friday-Saturday. Holiday Inn. Contact: Robert H. Wilbee, MD, 2435 Telshor Blvd., Las Cruces 88001.

July 16-19—Ruidoso Family Practice Seminar. Ruidoso. Monday-Thursday. Inn of the Mountain Gods. 20 hrs. AMA Cat. I, NM Cat. IV, AAFP Prescribed. Contact: NM Chapter, AAFP, P.O. Box 23070, Albuquerque 87192. (505) 298-5300.

(Continued on Page 660)

OREGON

The following list of continuing medical education offerings in the state of Oregon is compiled by the Oregon Medical Association's Council on Medical Education. If you wish to submit information regarding future postgraduate courses, please submit the information to James A. Kronenberg, Associate Executive Director, Oregon Medical Association, 5210 SW Corbett Ave., Portland, OR 97201, or phone (503) 226-1555.

MEDICAL GRAND ROUNDS

Douglas Community Hospital, 738 West Harvard Avenue, Roseburg 97470:

Every Monday 12:30 p.m. Contact: Robert A. Driver, MD, Douglas Community Hospital, 738 West Harvard Avenue, Roseburg, OR 97470. (503) 673-6641.

Emanuel Hospital, 2801 N. Gantenbein Street, Portland 97227:

Every Friday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Contact: Philipa McClure, Emanuel Hospital, 2801 N. Gantenbein St., Portland, OR 97227. (505) 280-3200.

Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland 97210:

Every Wednesday, 8:00 a.m. to 9:00 a.m. **Medicine Grand Rounds.** Contact: Chris Cobb, Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland, OR 97201. (503) 229-7111.

Providence Medical Center, 4805 NE Glisan, Portland 97213:

Every Wednesday, 8:00 a.m. **Medical Grand Rounds.** Contact: Richard Wernick, MD, Providence Medical Center, 4805 NE Glisan, Portland, OR 97213. (503) 230-6085.

Sacred Heart General Hospital, 1200 Alder Street, Eugene, OR 97440:

Every Tuesday, 8:00-9:00 a.m. **Medical Grand Rounds.** Hospital Auditorium. Contact: Medical Education Committee, P.O. Box 10905, Eugene, OR 97440.

Salem Hospital, 665 Winter Street SE, Salem 97301:

First and third Thursday of each month 7:15 a.m. to 8:15 a.m. **Medical Live Audit Conference.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter St. SE, Salem, OR 97301. (503) 370-5339.

Every Friday, 7:30 a.m. to 8:30 a.m. **Friday Grand Rounds.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter St. SE, Salem, OR 97301. (503) 370-5339.

St. Vincent Hospital & Medical Center, 9205 SW Barnes Rd., Portland 97225:

First, third, fourth and fifth Wednesday of each month, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Souther Auditorium. Contact: Bonnie Conger, Secretary to Dr. Kenneth Melvin, St. Vincent Hospital & Medical Center, 9205 SW Barnes Rd., Portland 97225. (503) 297-4411, Ext. 2230.

Oregon Health Sciences University, Department of Psychiatry, Portland 97201:

Every Wednesday, 4:00 p.m. to 5:00 p.m.—**Department of Psychiatry Grand Round Presentations.** Room 8B-60, University Hospital South, Oregon Health Sciences University. Contact: Dept. of Psychiatry, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8144.

Oregon Health Sciences University, Department of Medicine, Portland 97201:

Every Tuesday, 8:00 a.m. to 9:00 a.m.—**Department of Medicine Grand Rounds.** U.H.S.-8B-60, Oregon Health Sciences University. Contact: Dept. of Medicine, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8607.

FAMILY PRACTICE GRAND ROUNDS

Every Wednesday, 11:00 a.m. to 12:00 Noon. **Family Practice Grand Rounds.** Family Practice Center, Oregon Health Sciences University, Portland. Contact: William A. Fisher, MD, Oregon Health Sciences University, Department of Family Practice, Portland, OR 97201. (503) 225-7590.

* * * *

EMERGENCY MEDICINE

June 7-8—**Poisoning and Toxicologic Emergencies.** Portland. Thursday-Friday. Marriott Hotel. Contact: OHSU-CME.

June 13-15—**Oregon Chapter, American Trauma Society.** Portland. Wednesday-Friday. Sheraton-Airport. Contact: OHSU-CME.

November 15-16—**Symposium on Critical Care Medicine.** Portland. Thursday-Friday. Red Lion-Jantzen Beach. Contact: OHSU-CME.

MEDICINE

June 11-15—**American College of Physicians MKSAP Program.** Portland. Monday-Friday. Marriott Hotel. Contact: Postgraduate Dept., ACP, 4200 Pine Street, Philadelphia, PA 19104.

OBSTETRICS AND GYNECOLOGY

October 25-27—**Pacific Northwest Review of Obstetrics and Gynecology.** Portland. Thursday-Saturday. Red Lion-Jantzen Beach. Contact: OHSU-CME.

PERINATAL MEDICINE

June 22-24—**Symposium on Perinatal Medicine.** Portland. Friday-Sunday. Thunderbird-Jantzen Beach. Contact: OHSU-CME.

SURGERY

December 7-8—**Soft Tissue Surgery.** Portland. Friday-Saturday. OHSU Campus. Contact: OHSU-CME.

OF INTEREST TO ALL PHYSICIANS

May 11—**Infectious Diseases in Clinical Practice.** Portland. Friday. OHSU Campus. Contact: OHSU-CME.

(Continued on Page 662)

CONTACT INFORMATION

OHSU-CME—Contact: Division of Continuing Medical Education, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8700.

(Continued from Page 660)

June 1-2—**Orthopedics for the Primary Care Physician.** Portland. Friday-Saturday. Red Lion-Jantzen Beach. Contact: OHSU-CME.

June 22-23—**Exercise and Fitness.** Portland. Friday-Saturday. Red Lion-Lincoln Street. Contact: OHSU-CME.

September 7-8—**The Ashland Conference: Immunology and Allergy in Primary Care.** Ashland. Friday-Saturday. Ashland Hills Inn. Contact: OHSU-CME.

October 19-21—**The Salishan Conference: Cardiology.** Gleneden Beach. Friday-Sunday. Salishan Lodge. Contact: OHSU-CME.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the Academy for Continuing Medical Education, a foundation of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Academy for Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the Academy at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the Academy for current details.

PEDIATRIC GRAND ROUNDS

Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103:

First and Third Thursdays—8:00 a.m. Contact: Cathy Van Komen, PCMC, 320 12th Ave., Salt Lake City, UT 84103. (801) 363-1221.

MONTHLY PSYCHOTHERAPY CLINICAL SEMINAR

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

First Monday—7-9 a.m. Contact: Jack Tedrow, MD, (801) 363-2024.

FAMILY PRACTICE GRAND ROUNDS

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Every Wednesday—8:00-9:00 a.m. Contact: Thomas Schwenk, MD, (801) 581-8633.

CITYWIDE OB/GYN CLINICAL CONFERENCE

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Second Saturday—8-9 a.m. Contact: Howard Berk, MD, (801) 364-4438.

OB/GYN PATHOLOGY CONFERENCE

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Fourth Monday—8-9 a.m. Contact: Howard Berk, MD, (801) 364-4438.

MONTHLY OPHTHALMOLOGY FLUORESCIN ANGIOGRAPHY CONFERENCE

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Fourth Monday—7:30-8:30 a.m. Contact: Roy Goodart, MD, (801) 532-7406 or F. T. Reikhof, MD, (801) 532-7406.

INTERDEPARTMENTAL GRAND ROUNDS

Utah Valley Hospital, Provo, 1034 North Fifth West, Provo 84601.

Contact: Gary Watts, MD, UVH, 1034 North Fifth West, Provo. UT 84601. (801) 373-7850 (Ext 2143).

* * * *

April 20—**Symposia in Infectious Disease** (Sponsor: University of Utah). Friday. Salt Lake City, Hotel Utah. Credit and fee to be announced. Contact: Zell McGee, MD, (801) 581-8201.

(Continued on Page 667)

SPONSORS OF COURSES—ABBREVIATIONS

- AF: Arthritis Foundation, 1174 East 2700 South, Salt Lake City 84117. (801) 466-9389.
- CH: Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price, UT 84501. (801) 637-4800.
- CWH: Cottonwood Hospital, 5770 South 300 East, Salt Lake City 84101. (801) 262-3461.
- FHP: Family Health Program/Utah, 323 South Sixth East, Salt Lake City 84102. (801) 335-1234. Contact: Kay Schultz for course information.
- HAFB: Hill Air Force Hospital, Hill Air Force Base 84406. (801) 777-1262.
- HCH: Holy Cross Hospital, 1045 East First South, Salt Lake City 84102. (801) 350-4744.
- LDSH: Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143. (801) 350-1100.
- MDH: McKay-Dee Hospital Center, 3939 Harrison Blvd., Ogden 84409. (801) 399-4141.
- OEH: Rocky Mountain Center for Occupational and Environmental Health, 50 North Medical Drive, Salt Lake City 84132. (801) 581-8719.
- OSS: Ogden Surgical Society, PO Box 9311, Ogden 84409.
- PCMC: Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103. (801) 363-1221.
- SHCC: Shriners Hospital for Crippled Children, Intermountain Unit, Fairfax Ave. at Virginia St., Salt Lake City 84103. (801) 532-5307.
- SLSC: Salt Lake Surgical Center, 617 East 3900 South, Salt Lake City 84117. (801) 261-3141.
- UAFP: Utah Academy of Family Physicians, 1146 Westminster Ave., Salt Lake City 84105. (801) 466-9478.
- UUMC: University of Utah Medical Center, 50 North Medical Drive, Salt Lake City 84132. (801) 581-2258.
- USMA: Utah State Medical Association, 540 East Fifth South, Salt Lake City 84102. (801) 355-7477.
- UVH: Utah Valley Hospital, 1034 North Fifth West, Provo 84601. (801) 373-7850.
- VAMC: Veterans Administration Medical Center, 500 Foothill Drive, Salt Lake City 84148. (801) 582-1565.

(Continued from Page 662)

April 26-28—**35th Western Institute on Epilepsy** (Sponsor: University of Utah). Thursday-Saturday. Hotel Utah, Salt Lake City. Credit and fee to be announced. Contact: Claire Turner, (801) 581-5809.

May 10-11—**Ethics and Health; Cost of Treatment/Dilemmas in Allocation** (Sponsor: University of Utah). Thursday-Friday. Credit and fee to be announced. Contact: Claire Turner, (801) 581-5809.

May 16—**Day in Nephrology at the University of Utah** (Sponsor: University of Utah). Wednesday. University Medical Center. 6 hrs. \$30.00. Contact: Rosalie Lammle, (801) 581-8664.

June 3-6—**American Society for Lasers in Medicine and Surgery** (Sponsor: University of Utah). Monday-Wednesday. Salt Lake City. 8 hrs. Fee to be announced. Contact: John Dixon, MD, (801) 581-8201.

June 8-9—**Advanced Trauma Life Support (ATLS)** (Sponsor: University of Utah/Utah State Health Department). Friday-Saturday. Salt Lake Hilton Hotel. 14.5 hrs. \$350. Contact: Kim Tanner, (801) 561-4594.

June 18-21—**School on Alcoholism and Other Drug Dependencies** (Sponsor: University of Utah). Monday-Thursday. University Medical Center. 26 hrs. \$300. Contact: James Swenson, MD, (801) 581-7985.

July 15-20—**Summer Update in Clinical Microbiology and Immunology** (Sponsor: University of Utah). Sunday-Friday. Jackson Hole, Wyoming. 23 hrs. \$350. Contact: John Matson, MD, (801) 581-7480.

July 25—**Cardio-Thoracic Imaging/State of the Art** (Sponsor: University of Utah). Wednesday. Jackson Lake Lodge, Wyoming. 22 hrs. Fee to be announced. Contact: John D. Armstrong, MD, (801) 581-7553.

Note: Dates, times, places and programs are subject to change on occasion. Please check with the sponsoring organization or the Academy for details.

WASHINGTON

This listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 623-4801.

Brochures and Registration Forms are available from the contact person or organization listed at the end of each course or in the course sponsors and contact information box.

April 26—**Travel and Medicine**. Seattle. Thursday. Park Hilton Hotel. Contact: U/W.

April 27-28—**Industrial Back Pain**. Seattle. Friday-Saturday. Contact: U/W.

April 28—**Medicine and Religion**. Seattle. Saturday. U/W CDMRC. Contact: U/W.

May 3-5—**Primary Care Update**. Thursday-Saturday. Cavanaugh's Motor Inn, Tri-cities. Contact: Linda Koch, Washington Academy of Physician Assistants, 2033 Sixth Ave., Suite 900, Seattle 98121. (206) 623-4801.

May 9—**Ophthalmology**. Seattle. Wednesday. 4:00-9:00 pm, Gould Auditorium. 4 hrs. Cat. I. \$25. Contact: Charlotte Kennedy, Northwest Hospital, 1550 N. 115th, Seattle 98133. (206) 364-0500, Ext. 1737.

May 10—**Health Issues for Exercising Women**. Seattle. Thursday. Westin Hotel. Contact: U/W.

May 11—**Dermatology**. Seattle. Friday. 4:00-9:00 pm. Gould Auditorium. 4 hrs. Cat. I. \$25. Contact: Charlotte Kennedy, Northwest Hospital, 1550 N. 115th, Seattle 98133. (206) 364-0500, Ext. 1737.

May 11—**Adverse Drug Reactions in Surgery**. Seattle. Friday. Ballard Hospital. Contact: U/W.

May 16-18—**Noise Measurement and Control**. Seattle. Wednesday-Thursday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

May 18—**Basic Computer Understanding**. Seattle. Friday. Seattle Trade Center. Contact: U/W.

May 24-25—**Hereditary Diseases of the Nervous System**. Seattle. Thursday-Friday. Mayflower Park Plaza. Contact: U/W.

June 1-2—**Health Hazards in the Modern Office**. Seattle. Friday-Saturday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

June 1-2—**Prenatal Diagnosis for the 80's**. Seattle. Friday-Saturday. Sheraton Hotel. Contact: U/W.

June 1-2—**1st Mental Health Public Policy Forum**. Seattle. Friday-Saturday. Westin Hotel. Contact: U/W.

June 2—**Making Senate Bill 3645 Work**. Seattle. Saturday. Westin Hotel. Contact: U/W.

June 2—**Eye Care for the Primary Physician**. Seattle. Saturday. U/W Health Sciences Building. Contact: U/W.

June 8-9—**Fifth Annual Western Washington Cancer Conference**. Rosario Resort, San Juan Islands. Friday-Saturday. 9 hrs. Cat. I. \$80. Contact: Annie M. Sakaguchi, Program Director, American Cancer Society, PO Box C-19140, Seattle 98109-1140. (206) 283-1152.

June 8-9—**Cardiology and Nephrology**. Seattle. Friday-Saturday. Museum of History and Industry. Contact: U/W.

(Continued on Page 674)

COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

CME PIERCE COUNTY—Contact: Mrs. Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON) — Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, 1100 Ninth Avenue, P.O. Box 900, Seattle, WA 98101. (206) 223-6898.

Motrin® Tablets (ibuprofen)

Contraindications: Anaphylactoid reactions have occurred in individuals hypersensitive to Motrin Tablets or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin, iodides, or other nonsteroidal anti-inflammatory agents.

Warnings: Peptic ulceration and GI bleeding, sometimes severe, have been reported. Ulceration, perforation and bleeding may end fatally. An association has not been established. Use Motrin Tablets under close supervision in patients with a history of upper gastrointestinal tract disease, after consulting ADVERSE REACTIONS. In patients with active peptic ulcer and active rheumatoid arthritis, try nonulcerogenic drugs, such as gold. If Motrin Tablets are used, observe the patient closely for signs of ulcer perforation or GI bleeding.

Chronic studies in rats and monkeys have shown mild renal toxicity with papillary edema and necrosis. Renal papillary necrosis has rarely been shown in humans treated with Motrin Tablets.

Precautions: Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue Motrin Tablets and the patient should have an ophthalmologic examination, including central visual fields and color vision testing.

Fluid retention and edema have been associated with Motrin Tablets; use with caution in patients with a history of cardiac decompensation or hypertension. In patients with renal impairment, reduced dosage may be necessary. Prospective studies of Motrin Tablets safety in patients with chronic renal failure have not been done.

Motrin Tablets can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and on anticoagulant therapy.

Patients should report signs or symptoms of gastrointestinal ulceration or bleeding, skin rash, weight gain, or edema.

Patients on prolonged corticosteroid therapy should have therapy tapered slowly when Motrin Tablets are added.

The antipyretic, anti-inflammatory activity of Motrin Tablets may mask inflammation and fever.

As with other nonsteroidal anti-inflammatory drugs, borderline elevations of liver tests may occur in up to 15% of patients. These abnormalities may progress, may remain essentially unchanged, or may be transient with continued therapy. Meaningful elevations of SGPT or SGOT (AST) occurred in controlled clinical trials in less than 1% of patients. Severe hepatic reactions, including jaundice and cases of fatal hepatitis, have been reported with ibuprofen as with other nonsteroidal anti-inflammatory drugs. If liver disease develops or if systemic manifestations occur (e.g. eosinophilia, rash, etc.), Motrin should be discontinued.

Drug interactions: Aspirin: used concomitantly may decrease Motrin blood levels.

Coumarin: bleeding has been reported in patients taking Motrin and coumarin.

Pregnancy and nursing mothers: Motrin should not be taken during pregnancy or by nursing mothers.

Adverse Reactions: The most frequent type of adverse reaction occurring with Motrin is gastrointestinal of which one or more occurred in 4% to 16% of the patients.

Incidence Greater than 1% (but less than 3%)—Probable Causal Relationship

Gastrointestinal: Nausea,* epigastric pain,* heartburn,* diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of GI tract (bloating and flatulence); **Central Nervous System:** Dizziness,* headache, nervousness; **Dermatologic:** Rash* (including maculopapular type), pruritus; **Special Senses:** Tinnitus; **Metabolic/Endocrine:** Decreased appetite; **Cardiovascular:** Edema, fluid retention (generally responds promptly to drug discontinuation; see PRECAUTIONS).

Incidence less than 1%—Probable Causal Relationship**

Gastrointestinal: Gastric or duodenal ulcer with bleeding and/or perforation, gastrointestinal hemorrhage, melena, gastritis, hepatitis, jaundice, abnormal liver function tests; **Central Nervous System:** Depression, insomnia, confusion, emotional lability, somnolence, aseptic meningitis with fever and coma; **Dermatologic:** Vesiculobullous eruptions, urticaria, erythema multiforme, Stevens-Johnson syndrome, alopecia; **Special Senses:** Hearing loss, amblyopia (blurred and/or diminished vision, scotomata, and/or changes in color vision) (see PRECAUTIONS); **Hematologic:** Neutropenia, agranulocytosis, aplastic anemia, hemolytic anemia (sometimes Coombs positive), thrombocytopenia with or without purpura, eosinophilia, decreases in hemoglobin and hematocrit; **Cardiovascular:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure, palpitations; **Allergic:** Syndrome of abdominal pain, fever, chills, nausea and vomiting; anaphylaxis; bronchospasm (see CONTRAINDICATIONS); **Renal:** Acute renal failure in patients with pre-existing significantly impaired renal function, decreased creatinine clearance, polyuria, azotemia, cystitis, hematuria; **Miscellaneous:** Dry eyes and mouth, gingival ulcer, rhinitis.

Incidence less than 1%—Causal Relationship Unknown**

Gastrointestinal: Pancreatitis; **Central Nervous System:** Paresthesias, hallucinations, dream abnormalities, pseudotumor cerebri; **Dermatologic:** Toxic epidermal necrolysis, photoallergic skin reactions; **Special Senses:** Conjunctivitis, diplopia, optic neuritis; **Hematologic:** Bleeding episodes (e.g., epistaxis, menorrhagia); **Metabolic/Endocrine:** Gynecomastia, hypoglycemic reaction; **Cardiovascular:** Arrhythmias (sinus tachycardia, sinus bradycardia); **Allergic:** Serum sickness, lupus erythematosus syndrome, Henoch-Schönlein vasculitis; **Renal:** Renal papillary necrosis.

*Reactions occurring in 3% to 9% of patients treated with Motrin. (Those reactions occurring in less than 3% of the patients are unmarked.)

**Reactions are classified under "Probable Causal Relationship (PCR)" if there has been one positive rechallenge or if three or more cases occur which might be causally related. Reactions are classified under "Causal Relationship Unknown" if seven or more events have been reported but the criteria for PCR have not been met.

Overdosage: In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine so alkaline diuresis may be beneficial.

Dosage and Administration: Rheumatoid arthritis and osteoarthritis. Suggested dosage is 300, 400, or 600 mg t.i.d. or q.i.d. Do not exceed 2400 mg per day. Mild to moderate pain: 400 mg every 4 to 6 hours as necessary.

Caution: Federal law prohibits dispensing without prescription.

Motrin is a registered trademark of The Upjohn Manufacturing Company M. Barceloneta, Puerto Rico

MED B-7-S

Upjohn

(Continued from Page 667)

June 9—**Radiology Northwest.** Seattle. Saturday. U/W CDMRC. Contact: U/W.

June 14-15—**Use of Microcomputers in Occupational Safety and Health.** Seattle. Thursday-Friday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

June 15-16—**CT Scanning in Radiation Therapy.** Seattle. Friday-Saturday. Sheraton. Contact: U/W.

June 15-17—**Nutrition Update for Clinical Dietitians.** Union. Friday-Sunday. Alderbrook Inn. Contact: U/W.

June 18-22—**Trauma: The First 3 Hours.** Seattle. Monday-Friday. U/W Health Sciences Building. Contact: U/W.

June 21-22—**Stroke: Current Concept.** Seattle. Thursday-Friday. 8:30 am-5:00 pm. Gould Auditorium. \$150, physicians; \$75, others. 12 hrs. Cat. I. Contact: Charlotte Kennedy, Northwest Hospital, 1550 N. 115th, Seattle 98133. (206) 364-0500, Ext. 1737.

June 23-27—(IDAHO) **Ethics at the Edges of Life.** Sun Valley. Saturday-Wednesday. Elkhorn. Contact: U/W.

July 4-10—(OREGON) **Medicine and Civilization.** Bend. Wednesday-Tuesday. Inn at the 7th Mountain. Contact: U/W.

July 10-13—(OREGON) **Medicine in Shakespeare's Time.** Ashland. Tuesday-Friday. Contact: U/W.

July 12-13—**Second Annual Conference on Occupational Hazards to Health Care Workers.** Seattle. Thursday-Friday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

July 22-26—**Annual Summer Meeting 1984. Washington State Academy of Ophthalmology.** Orcas Island. Sunday-Thursday. Rosario Resort. Contact: Patti Smith, WSAO, 2033 Sixth Ave, #900, Seattle 98121. (206) 623-4801.

July 27-29—**Seafair VI Pediatric Anesthesia and Intensive Care.** Seattle. Friday-Sunday. Seattle Sheraton. Contact: Patti Smith, Washington State Society of Anesthesiologists, 2033 Sixth Ave, Suite 900, Seattle 98121. (206) 623-4801.

August 29-September 4—(ALBERTA) **Scientific Aspects of the Art of Dance.** Banff Centre, Banff, Alberta. Contact: U/W.

WYOMING

June 24-28—**Wyoming Medical Society Annual Meeting.** Jackson Lake Lodge, Moran. Sunday-Thursday. Contact: WMS, P.O. Drawer 4009, Cheyenne 82003-4009. (307) 634-2424.

July 15-20—**Summer Update in Clinical Microbiology and Immunology.** University of Utah at Jackson Hole. Sunday-Friday. 23 hrs. \$350. Contact: John Matsen, MD, (801) 581-7480.

July 25—**Cardio-Thoracic Imaging/State of the Art.** University of Utah at Jackson Lake Lodge. Wednesday. 22 hrs. Contact: John D. Armstrong, MD, (801) 581-7553.

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WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

Alaska State Medical Association—4107 Laurel St., Anchorage 99504. (907) 277-6891. Annual Meeting: June 8-12, 1984, Valdez Convention Center.

Arizona Medical Association, Inc.—810 W. Bethany Home Rd., Phoenix 85013. (602) 246-8901. Annual Meeting: April 27-28, 1984, Scottsdale Conference Center, Scottsdale.

California Medical Association—44 Gough St., San Francisco 94103. (415) 863-5522. Annual Meeting: March 8-13, 1985, Town and Country, San Diego.

Colorado Medical Society—6825 E. Tennessee, Bldg. 2, Suite 500, Denver 80224. (303) 321-8590. Annual Meeting: September 20-22, 1984, Mark Marriott, Vail.

Hawaii Medical Association—320 Ward Ave., Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: November 9-11, 1984, Kauai Surf Hotel, Kauai.

Idaho Medical Association—407 W. Bannock St., P.O. Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: July 25-28, 1984, Sun Valley.

Montana Medical Association—2012 11th Ave., Suite 12, Helena 59601. (406) 433-4000. Annual Meeting: October 4-6, 1984, Sheraton, Billings.

Nevada State Medical Association—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: May 3-6, 1984, Desert Inn, Las Vegas.

New Mexico Medical Society—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Annual Meeting: May 2-4, 1984, Santa Fe.

Oregon Medical Association—5210 S.W. Corbett Ave., Portland 97201. (503) 226-1555. Annual Meeting: April 27-29, 1984, Salizhan Lodge, Gleneden Beach.

Utah State Medical Association—540 East Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: October 3-5, 1984, Hotel Utah, Salt Lake City.

Washington State Medical Association—900 United Airlines Bldg., 2033 6th Ave., Seattle 98121. (206) 623-4801. Annual Meeting: September 13-16, 1984, Westin Hotel, Seattle.

Wyoming Medical Society—P.O. Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: June 24-28, 1984, Jackson Lake Lodge, Moran.

ADVERTISING INDEX

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AYERST LABORATORIES	
Inderal LA	544, 545, 546
Prem Tabs	533, 534, 535, 536, 537
BANK OF AMERICA	655
BOOTS PHARMACEUTICALS	
Ru-Tuss II	538, 539
BOYLE & COMPANY PHARMACEUTICALS	
Citre Forte	548
BURROUGHS-WELLCOME CO.	
Zyloprim	564
CLASSIFIED	668, 669, 670, 676
COMPUTER PROCESSING, UNLIMITED	516
COOPERATIVE OF AMERICAN PHYSICIANS	678
CPS MEDICAL BILLING	661
DYATRON DESIGN	555
ELI LILLY & CO.	
Cecilor	671
GLAXO, INC.	
Zantac	531, 532
THE HARVARD HUNGER ACTION COMMITTEE	516
INSURANCE CORPORATION OF AMERICA	540
THE JASON COMPANY, INC.	539
MANAGEMENT SYSTEMS OF WAUSAU	566, 567
MARION LABORATORIES	
Cardizem	664, 665, 666
MEGAMED	675
MITSUI MANUFACTURER'S BANK	565
NORCAL MUTUAL INSURANCE COMPANY	542
PACTEL MOBILE ACCESS	518
PFIZER PHARMACEUTICALS	
Procardia	550, 551
PHOENIX BAPTIST HOSPITALS	669
PHYSICIANS AND SURGEONS	
INSURANCE EXCHANGE	659
POORMAN-DOUGLAS CORPORATION	541
PRACTICE SERVICES CORPORATION	663
ROCHE LABORATORIES	
Dalmane	2nd cover, 515, 516
Limbitrol	3rd and 4th covers
ROERIG	
Navane	552, 553, 554
SMITHKLINE BECKMAN	
Dyazide	568
SOUTHERN CALIFORNIA PHYSICIANS	
INSURANCE EXCHANGE	557
E. R. SQUIBB & SONS, INC.	
Capoten	520, 521, 522
TOPAZ CUSTOM COMPUTER SYSTEMS	525
UNIVERSITY MICROFILM INTERNATIONAL	528
UNIVERSITY OF SOUTHERN CALIFORNIA	539
THE UPJOHN COMPANY	
Halcion	560, 561, 562
Medrol	530
Motrin	672, 673, 674
Xanax	656, 657, 658
U.S. ARMY	677
VIVIGEN LABORATORIES	559
WESTERN JOURNAL OF MEDICINE, THE	
Subscription form	679
WESTWORLD COMMUNITY HEALTHCARE, INC.	669
WYETH LABORATORIES	
Wytensin	527, 528